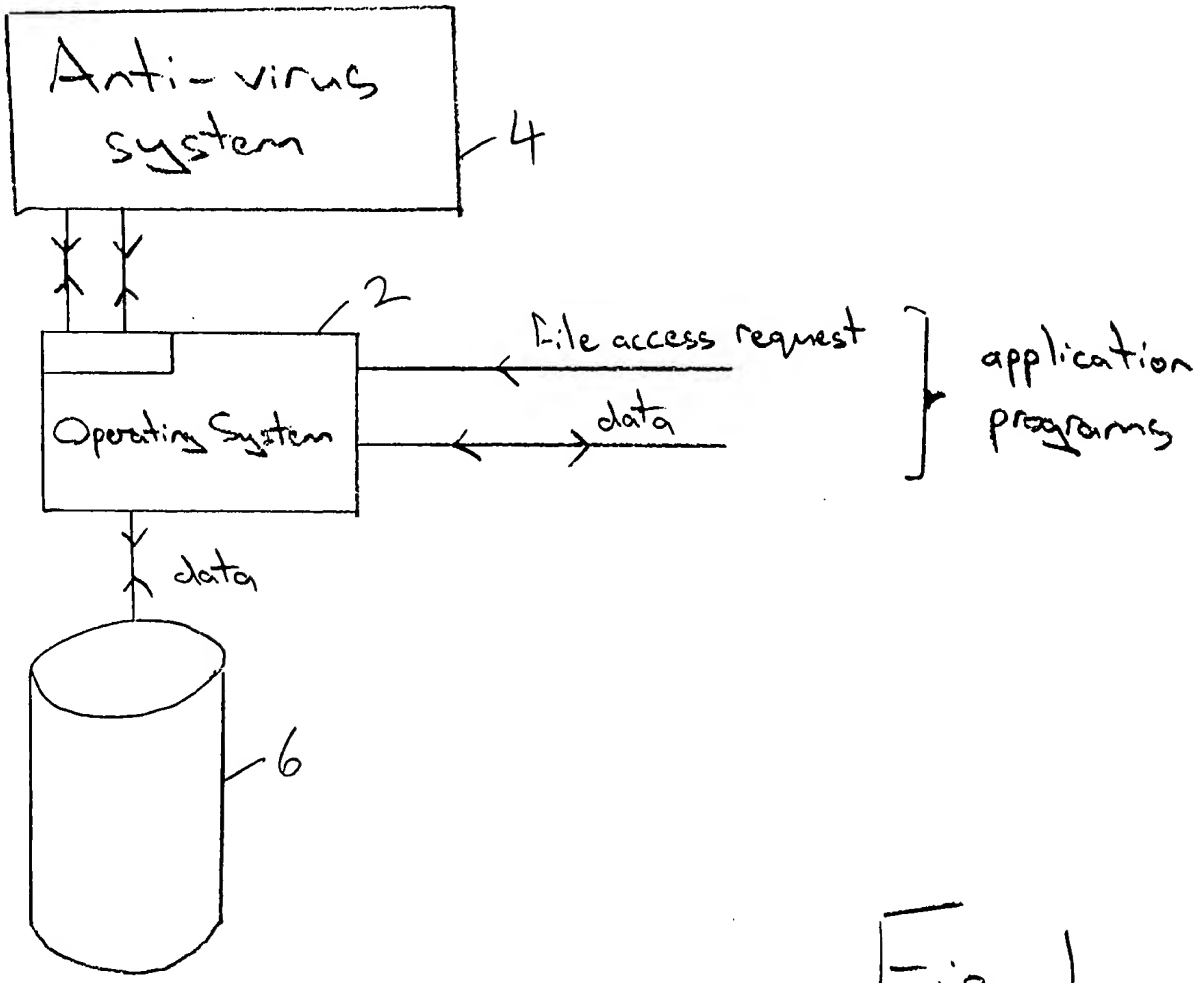
Anti-virus system
4
2
File access request
data
application programs
Operating System
data
6

Fig. 1

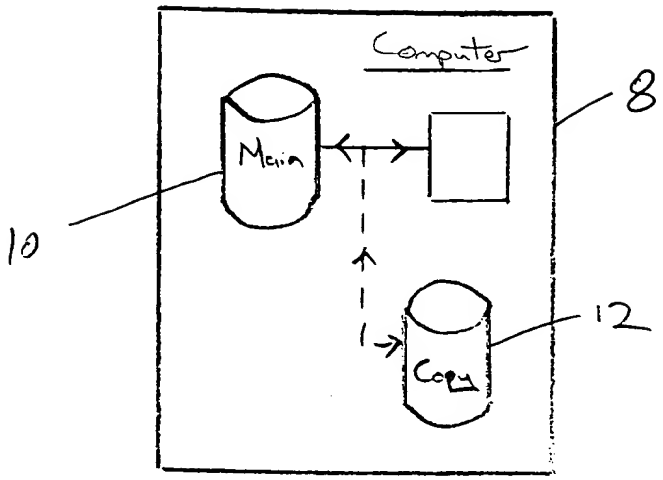

Fig. 2

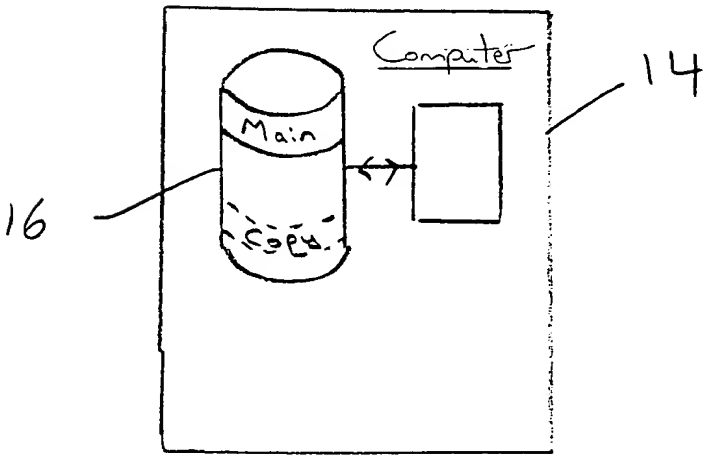

Fig. 3

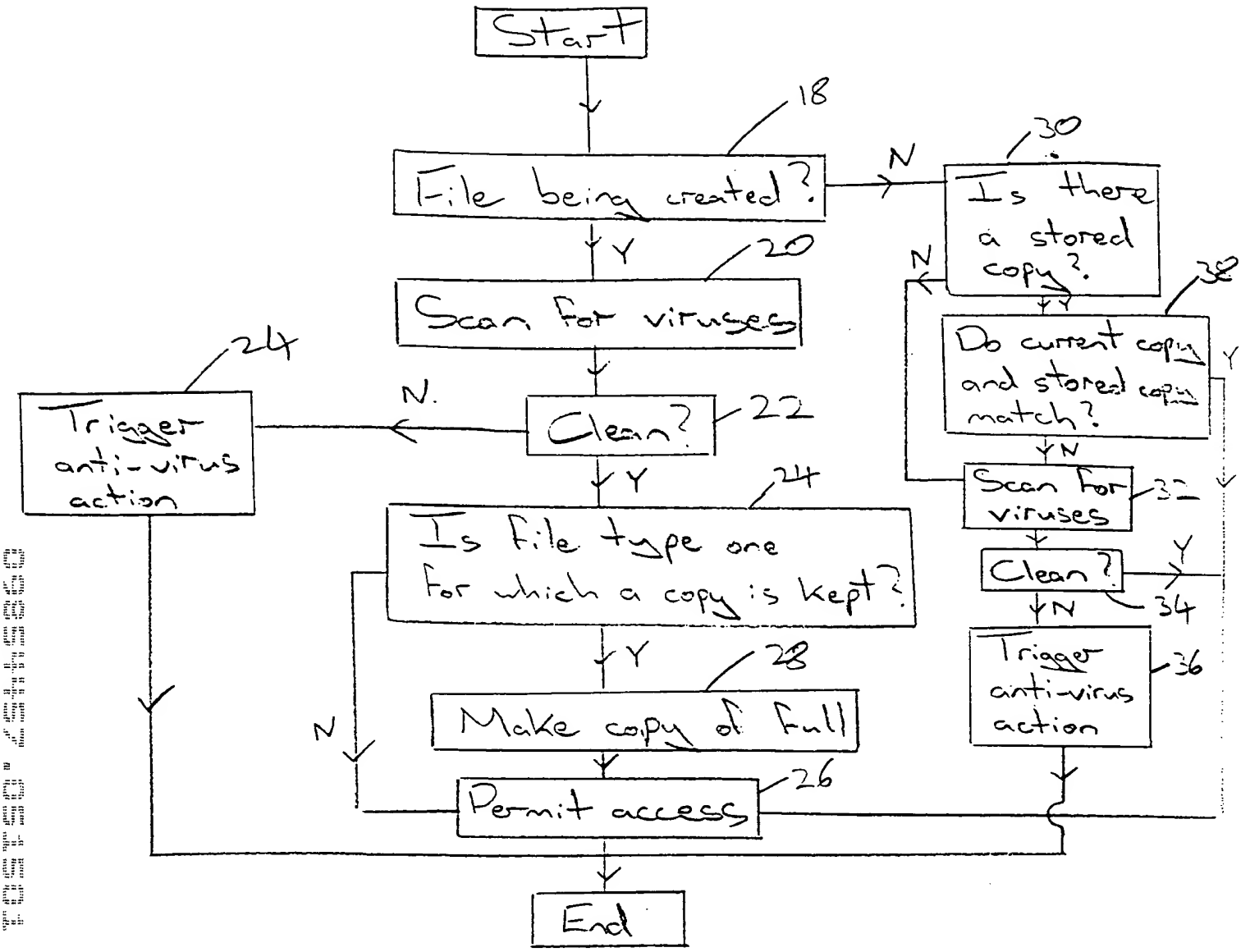
Start
18
File being created?
N
30
Is there a stored copy?
Y
20
Scan for viruses
N
Y
32
Do current copy and stored copy match?
Y
24
Trigger anti-virus action
N.
Clean?
22
N
Scan for viruses
32
Y
24
Is file type one for which a copy is kept?
Clean?
Y
34
N
Y
28
Make copy of full
Trigger anti-virus action
36
N
26
Permit access
End

Fig. 4

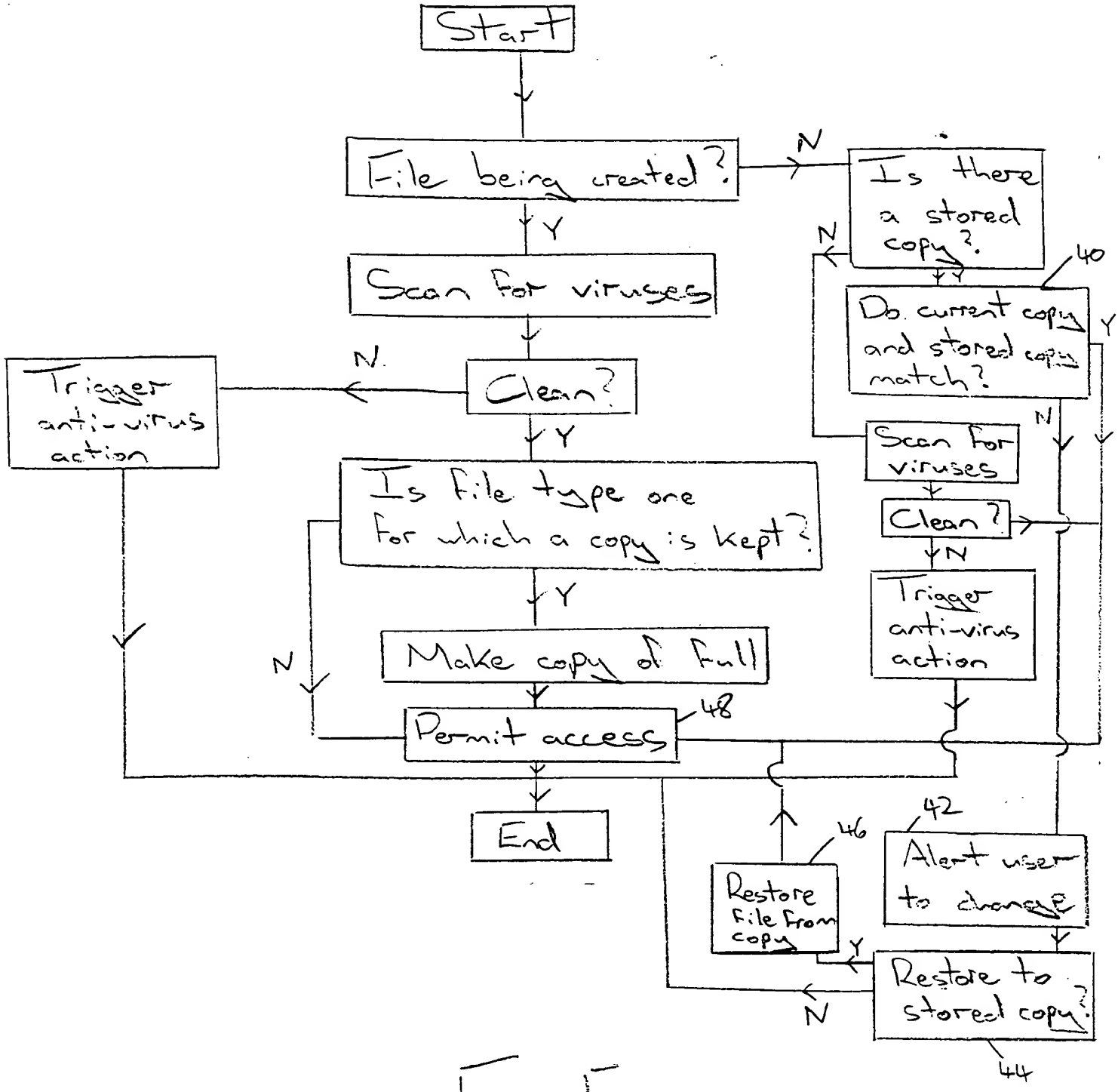
Start
File being created?
N
Is there a stored copy?
Y
Scan for viruses
N
40
Do current copy and stored copy match?
Y
Trigger anti-virus action
N
Clean?
Y
N
Scan for viruses
Is file type one for which a copy is kept?
Clean?
Y
N
Y
Trigger anti-virus action
Make copy of full
N
48
Permit access
End
46
42
Restore file from copy
Alert user to change?
Y
Restore to stored copy?
N
44

Fig. 5

TOSTSO Z8HS8S9

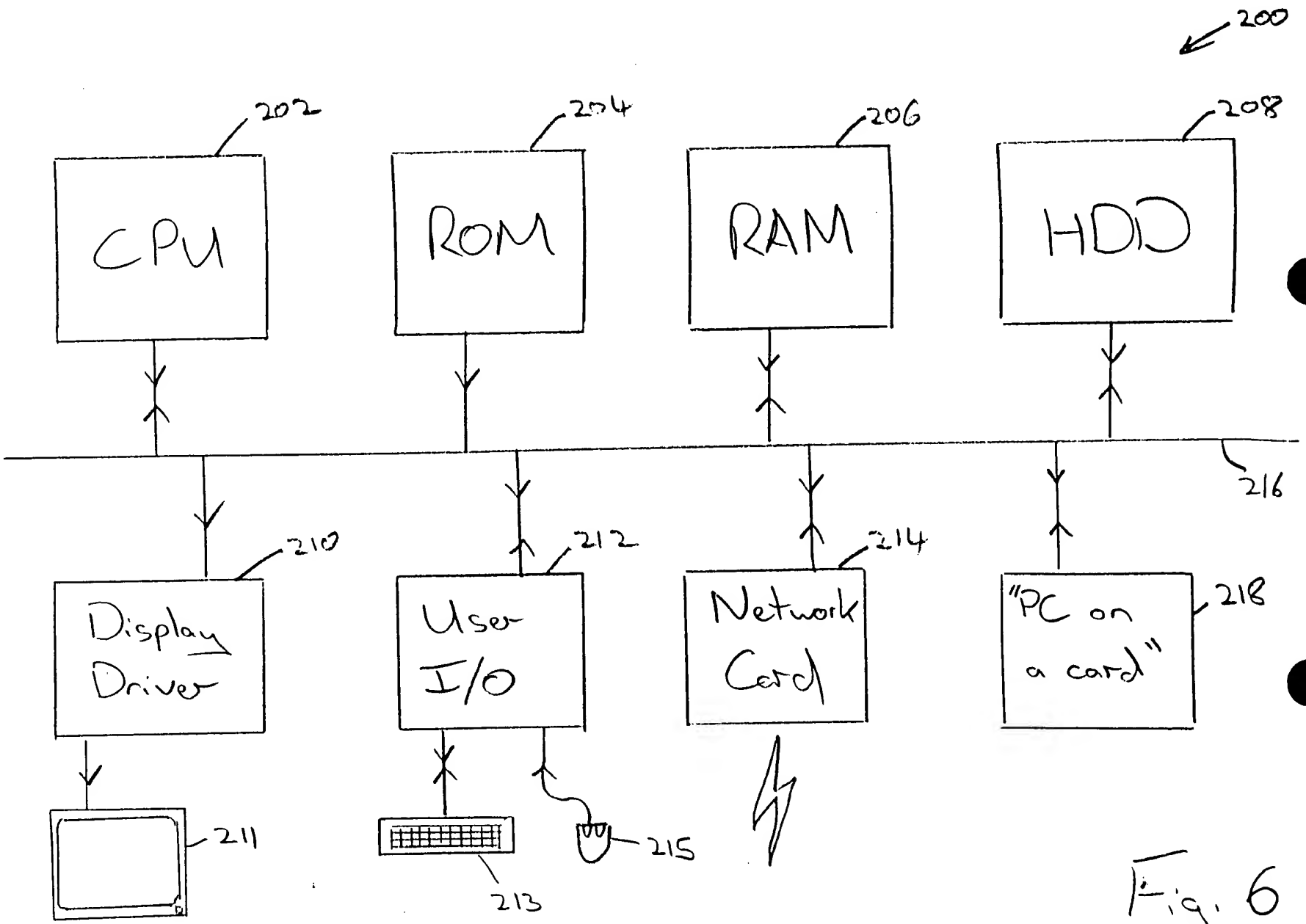

Fig. 6